



Micronas.5873  
09/773,164

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Carsten Noeske

GROUP: 2124

SERIAL NO: 09/773, <sup>164</sup>~~164~~

EXAMINER: Chat C. Do

FILED: January 31, 2001

FOR: A COMPUTING UNIT FOR SIGNAL PROCESSING

Assistant Commissioner of Patents  
P.O. Box  
Alexandria, VA 22313-1450

Sir:

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JAN 30 2004

Technology Center 2100

AMENDMENT

This amendment is in response to the Official Action dated July 16, 2003.

Please amend the application as follows:

IN THE CLAIMS:

Cancel claims 12-18 and amend claims 1, 4, 5, 7 and 10-11 as follows:

1. (Currently Amended) A computing device on a monolithic integrated circuit for multiplying together a digitized multiplier signal value and a digitized multiplicand<sub>d</sub> signal value, said computing device comprising:

an input interface that receives said multiplicand<sub>d</sub> and provides a received multiplicand<sub>d</sub> indicative thereof;

a first place shifting device that includes a first logical assignment circuit to shift data bits of said received multiplicand<sub>d</sub> in response to a first shift command signal, and provides a first shifted